(b) whether global warming is likely to affect monsoon, winter and summer seasons; and

(c) if so, in what manner?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) A preliminary assessment of impacts and vulnerability due to projected climate change in key sectors such as water, agriculture, forestry, ecosystems, coastal zones, health, energy and infrastructure has been undertaken. The projected climate change scenarios indicate increase in and variable trend of both rainfall and temperature into 21st century. It is projected that quantity of surface run off due to climate change would reduce and vary across the various river basins. The initial analysis has revealed that climate change may have adverse effects in terms of severity of droughts and intensity of floods in various parts of the country. Increase in CO_2 concentration; increase in temperature and variable distribution of rainfall show a mixed projection of yields of various crops across the regions. No definite trends have yet been established. Forest types in India seem to be highly vulnerable to the projected changes in climate. Coastal areas are also vulnerable to climate variability in varying degrees.

The Government of India is seized of the various concerns that may arise due to climate change. The existing legislative and policy framework in various sectors of concern, together with programmes which target conservation of rivers, improvement of urban air quality, enhanced forestation, promote renewable energy technologies and energy efficiency etc., contribute to addressing climate change issues.

Improvement of water in Yamuna river

1239. SHRI KARNENDU BHATTACHARJEE: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Government are aware that inspite of spending colossal amount for cleaning the stretch of Yamuna river there is no improvement in the condition of water;

(b) if so, whether Government propose to release some more funds for the same; and

(c) if so, what is the amount thereof and by when it is expected to be implemented?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) While the water quality of river Yamuna is within the prescribed limits in the State of Haryana, it has not shown the desired improvement in Delhi and some parts of U.P. because of phenomenal increase of population upstream of the river and large scale extraction of water from the river for drinking and other purposes. The National River Conservation Directorate under the Ministry of Environment & Forests has launched Yamuna Action Plan YAP-I and YAP-II at a total cost of Rs. 1339 crore for the abatement of pollution of river Yamuna. An expenditure of Rs. 686 crore is reported to have been incurred under both the phases of YAP till 30th November, 2006. YAP-I was declared completed in February, 2003 and YAP-II with an estimated cost of Rs. 624 crore, scheduled for completion in 2009, is under implementation in the States of Uttar Pradesh (U.P.). Haryana & Delhi and funds are released from time to time commensurate with the progress of sanctioned works in these States. In this Plan, preparation of the Detailed Project Reports (DPRs) for taking up further pollution abatement works under the third phase of YAP is also envisaged. In addition to the above, the Governments of NCT of Delhi, Haryana and U.P. have also taken up large scale sewerage, non-sewerage and sewage treatment works out of their own Plan funds.

Vangrams in Rajasthan

1240. DR. GYAN PRAKASH PILANIA: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) the number of Vangrams in Rajasthan;

(b) the action being taken to convert them into Revenue village; and

(c) by when these Vangrams would be notified as Revenue villages?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) As per the information